

lacZ

FIGURE 1 (Prior Art)

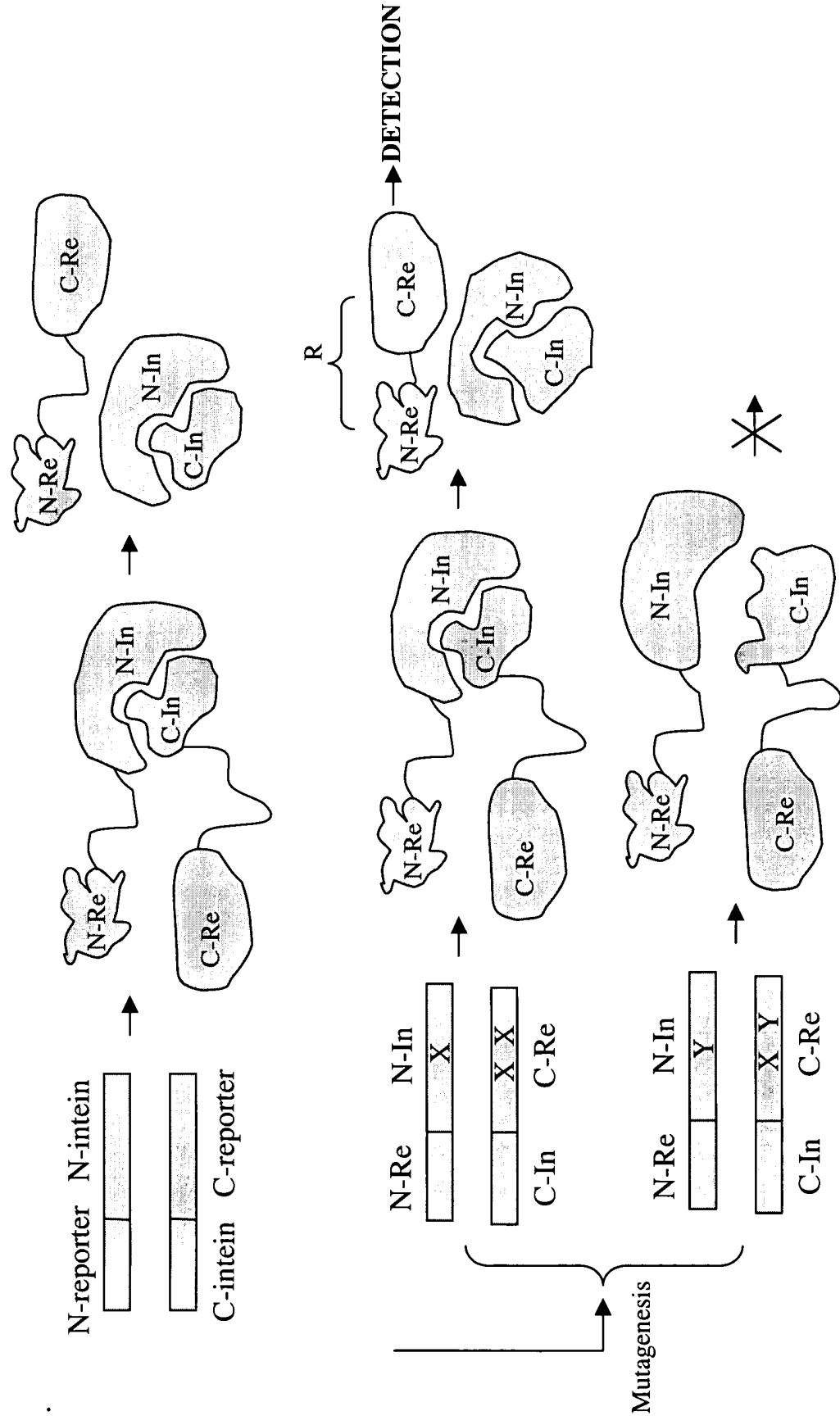


Figure 2A Selecting Non-interacting N-intein & C-intein

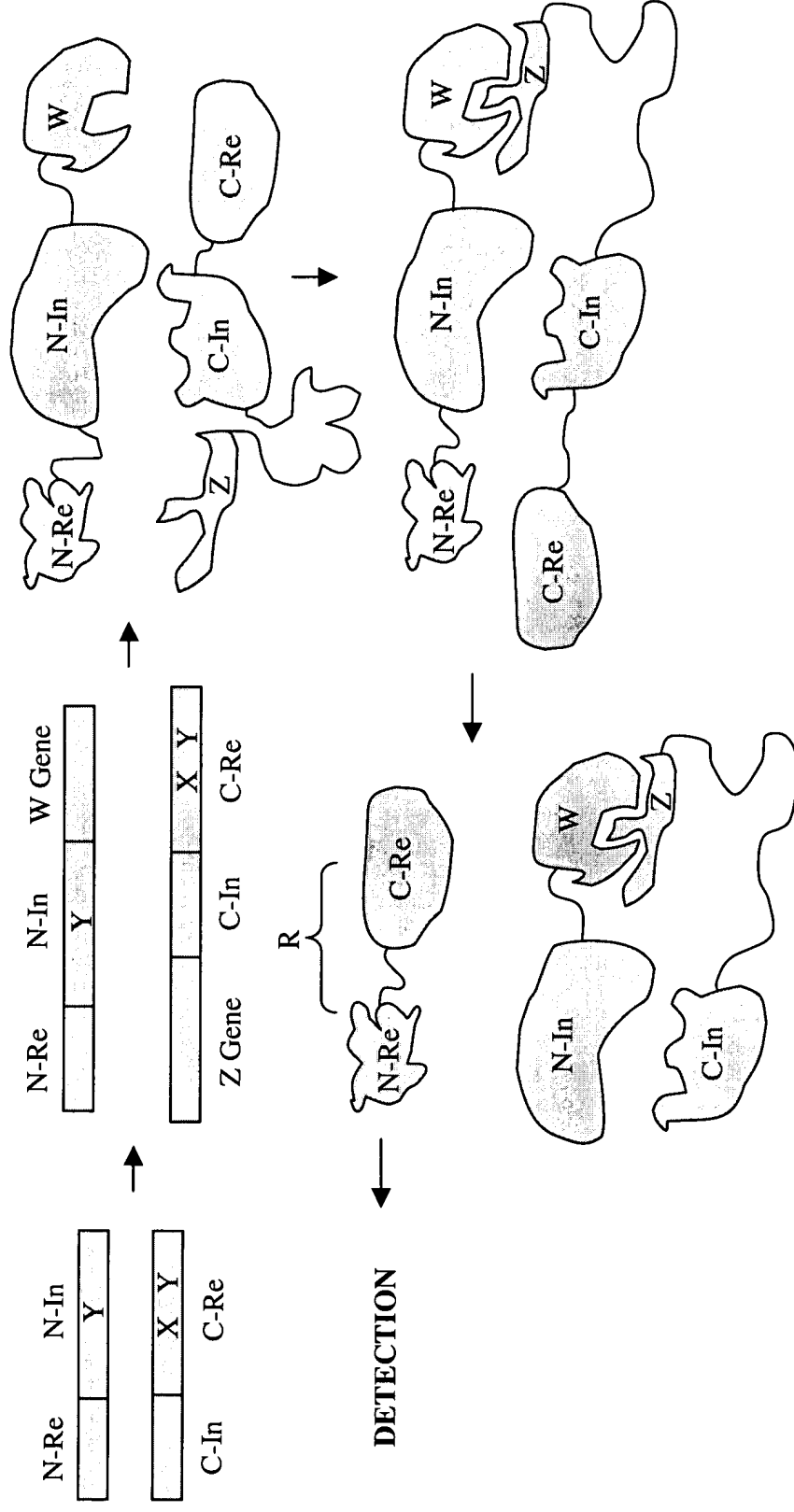


Figure 2B Verifying That the Selected Non-interacting N-intein & C-intein Are Capable of Mediating Protein Splicing

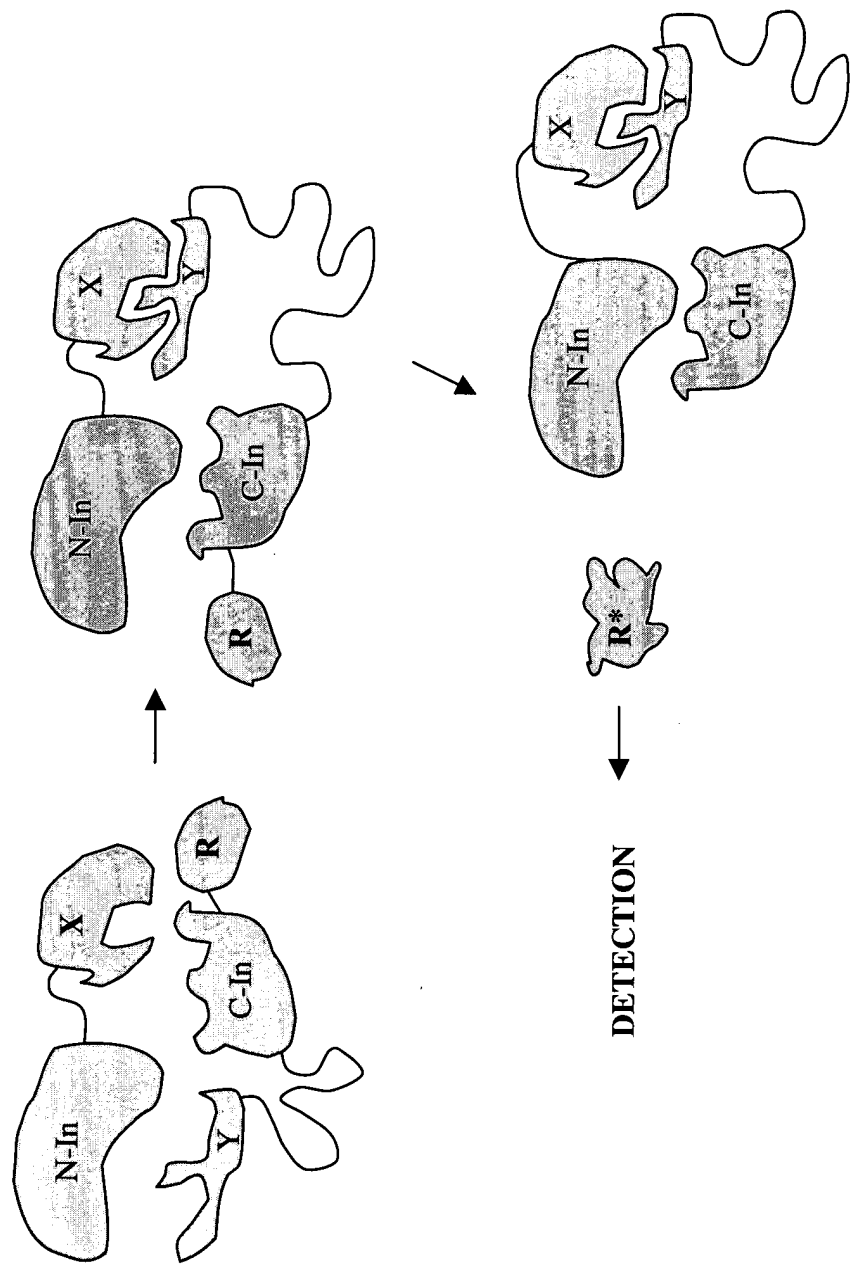


Figure 3A

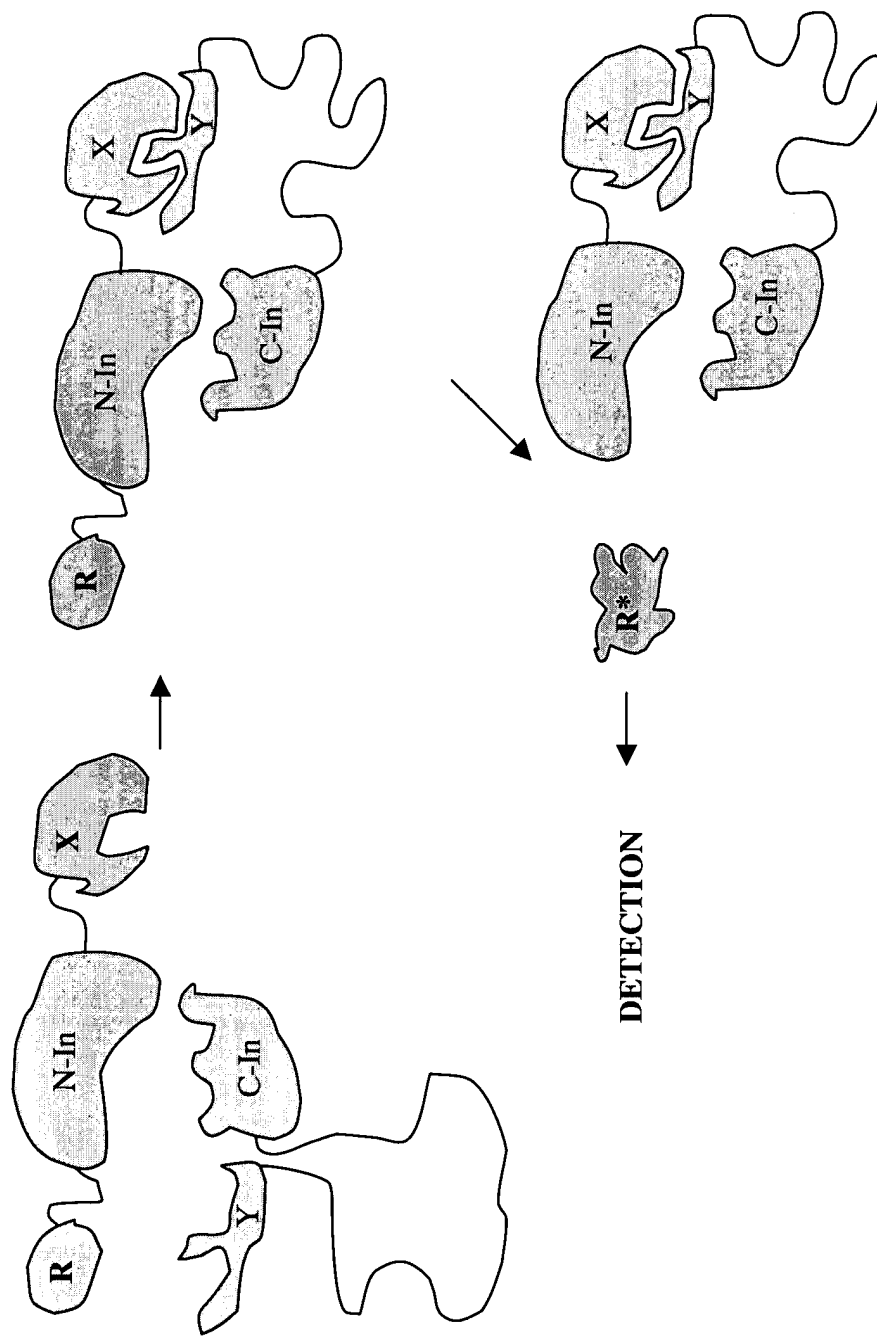


Figure 3B

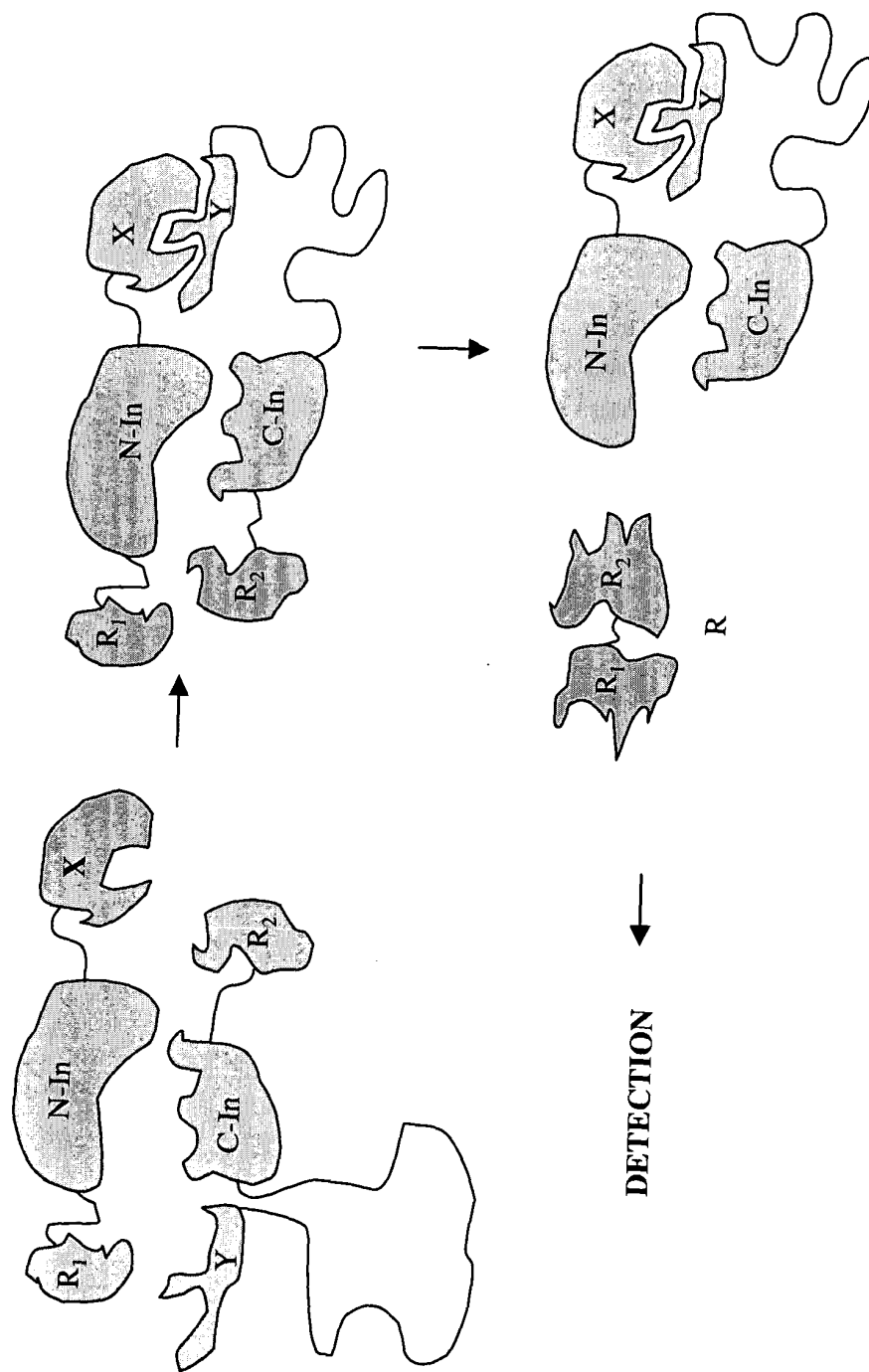


Figure 3C

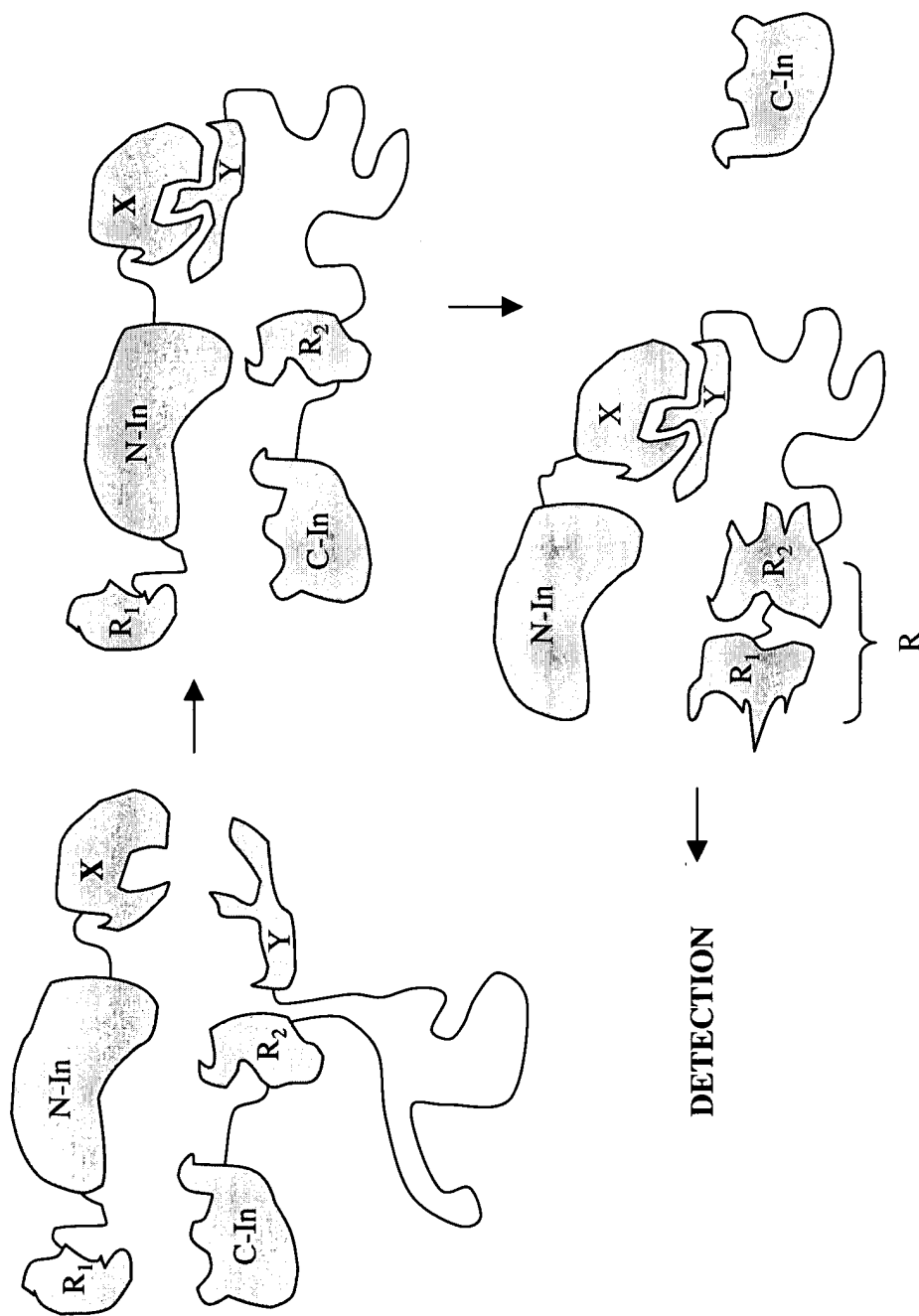


Figure 3E

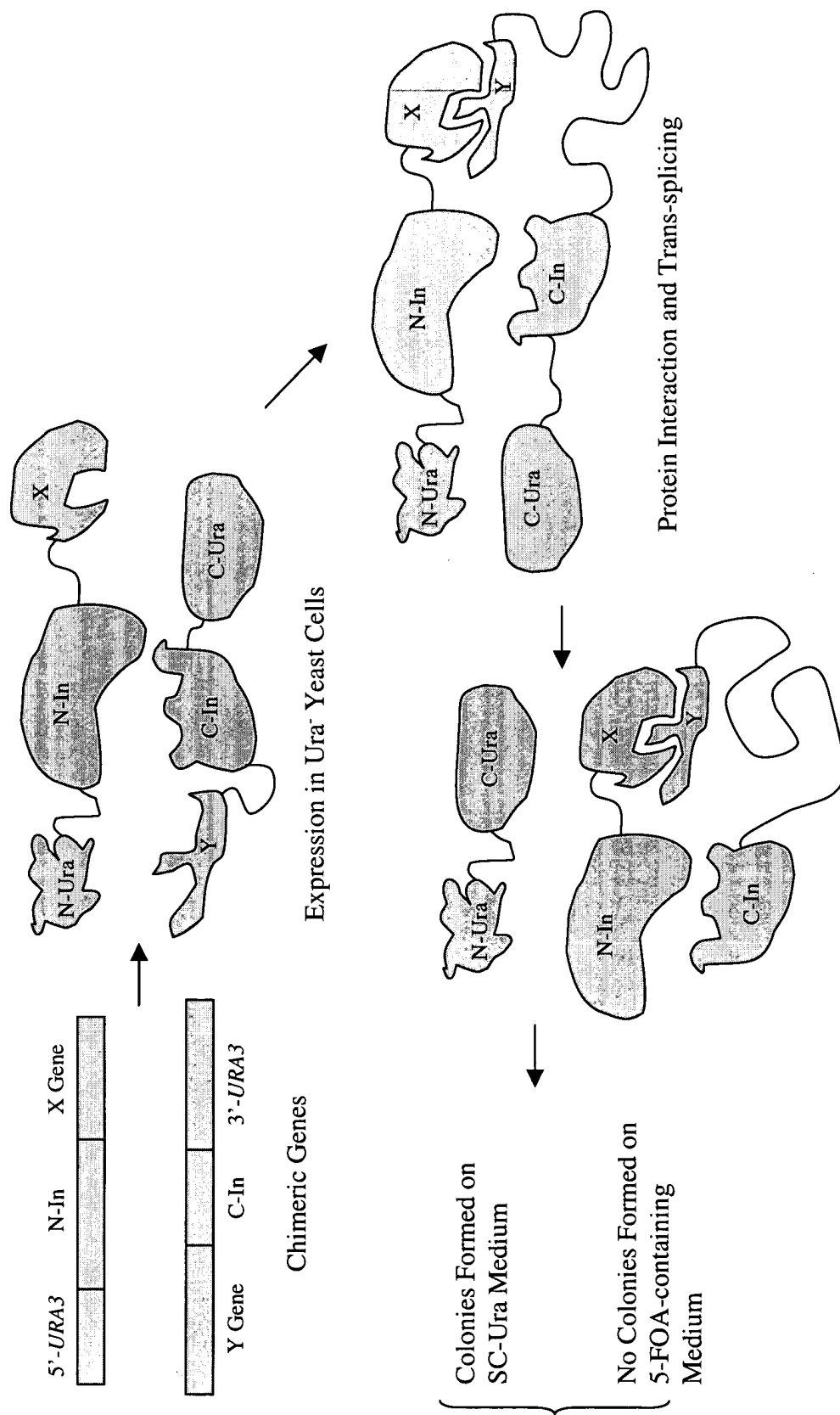


Figure 4

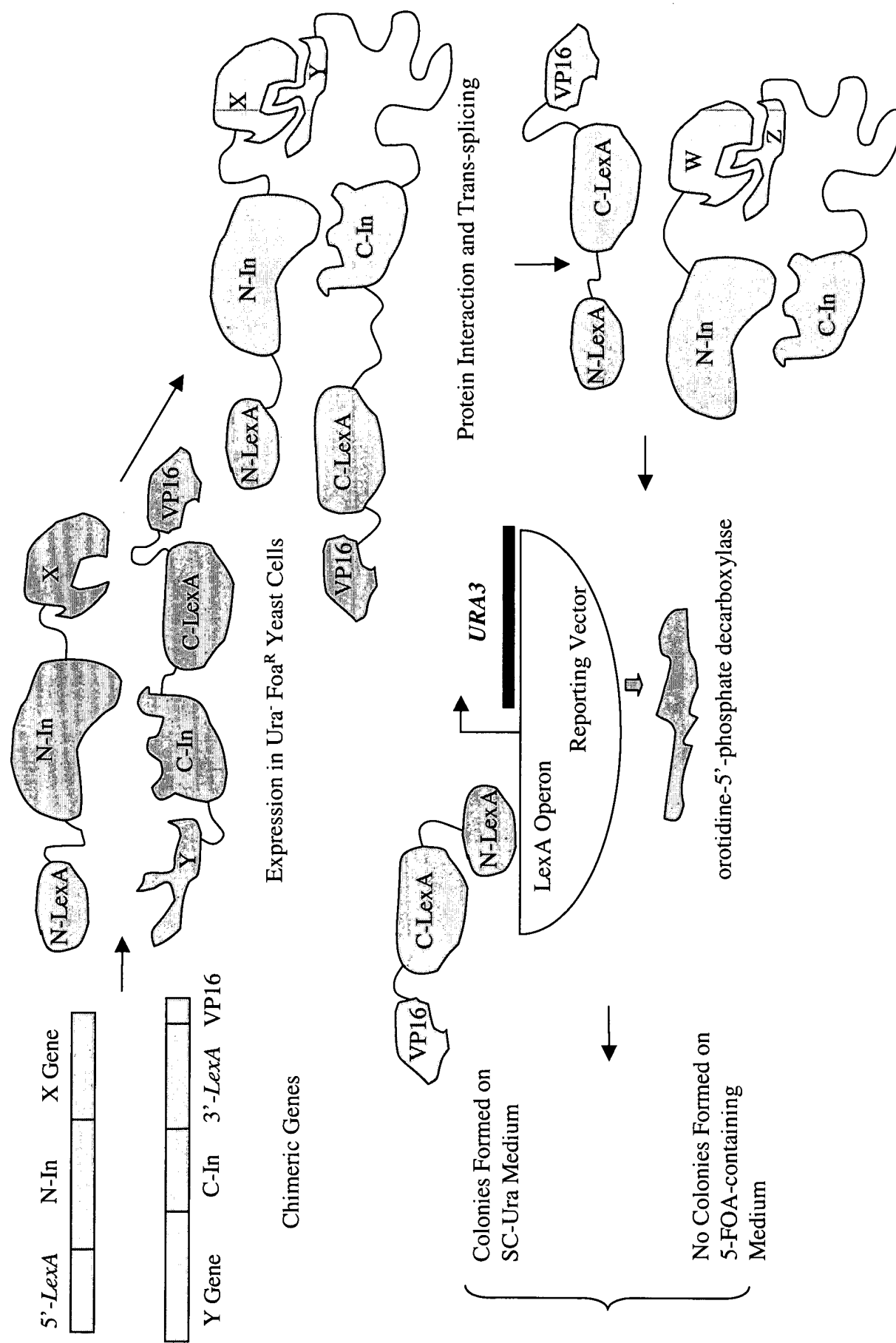


Figure 5

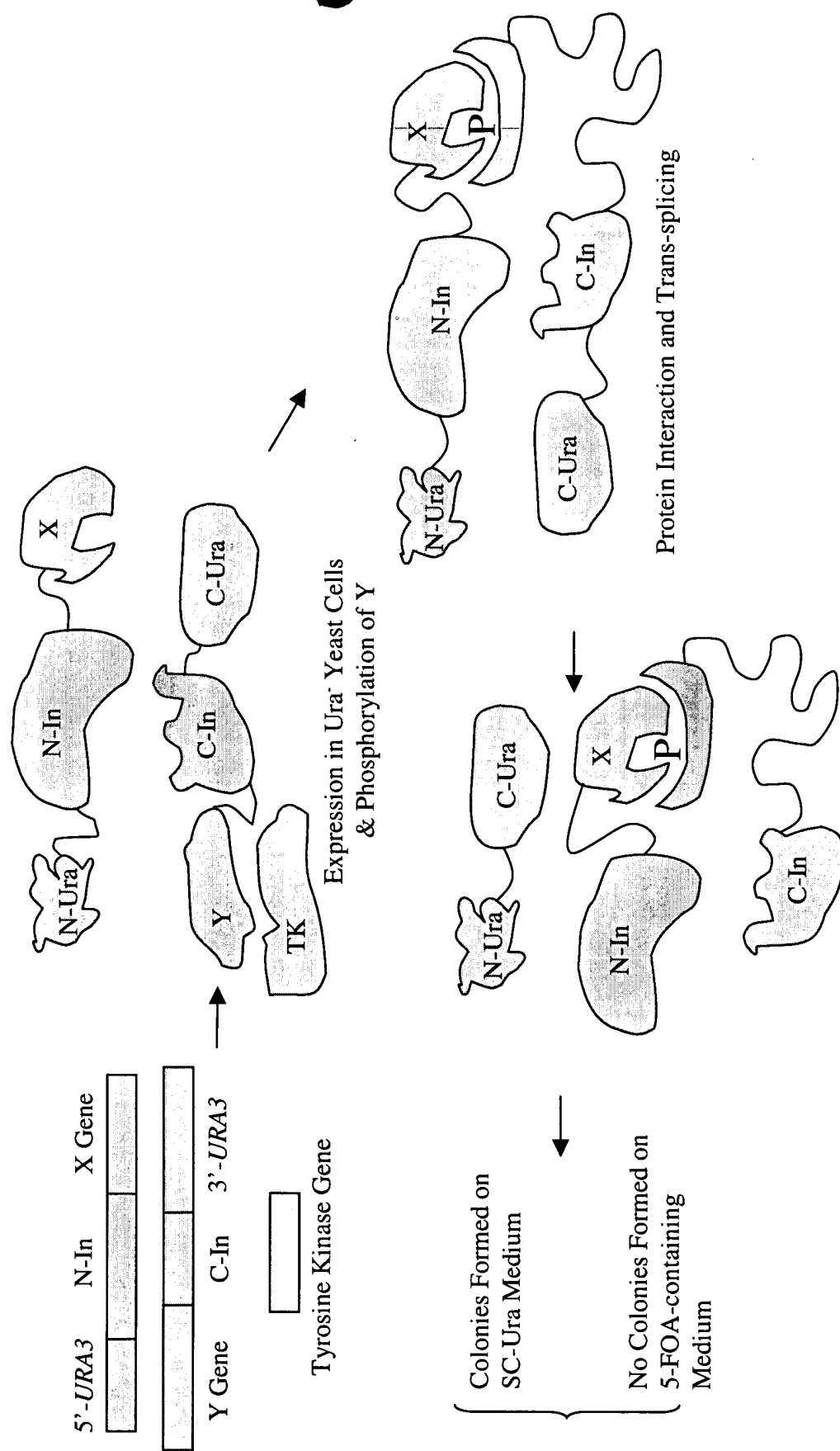


Figure 6 Intein-Based Multi-Hybrid System

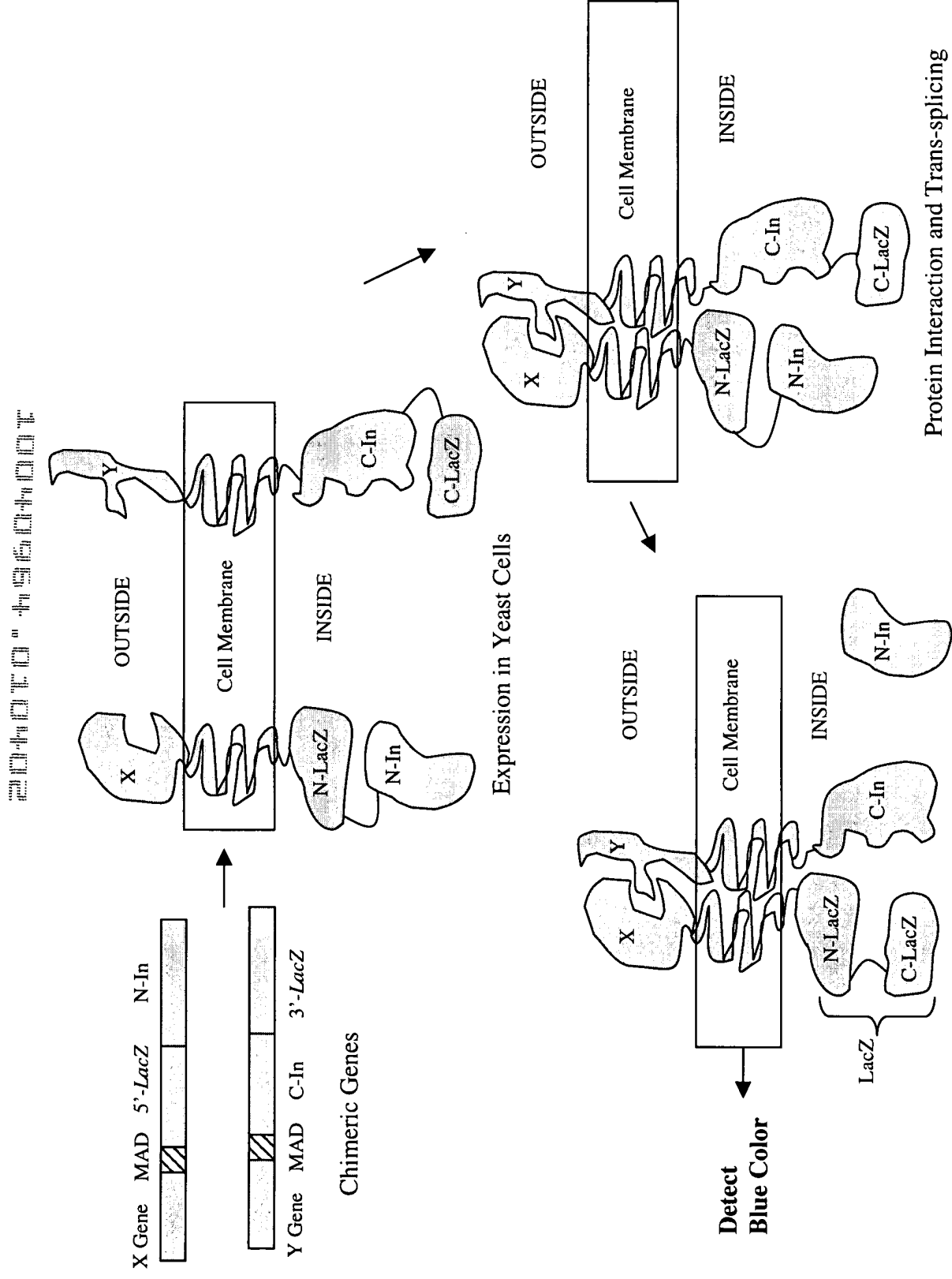


Figure 7 Detecting Extracellular Protein-Protein Interaction

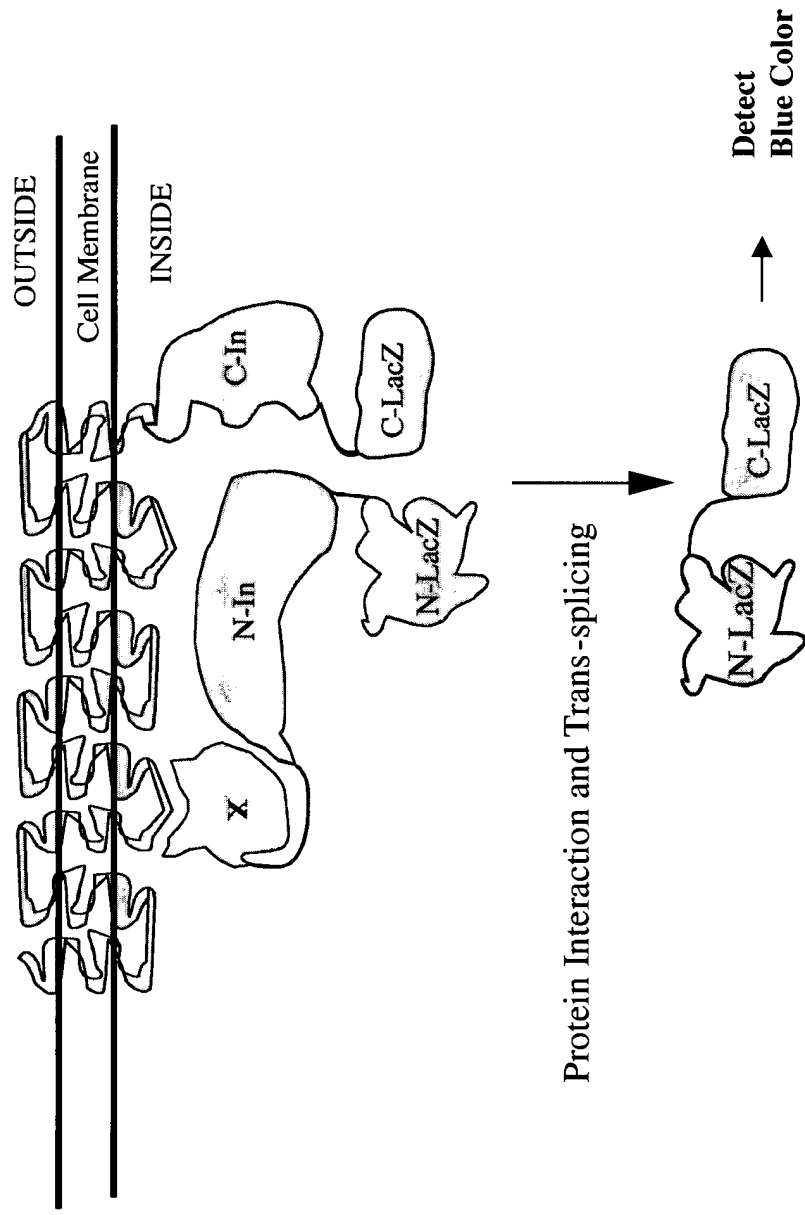


Figure 8 Detecting Interaction between Intracellular and Membrane Proteins

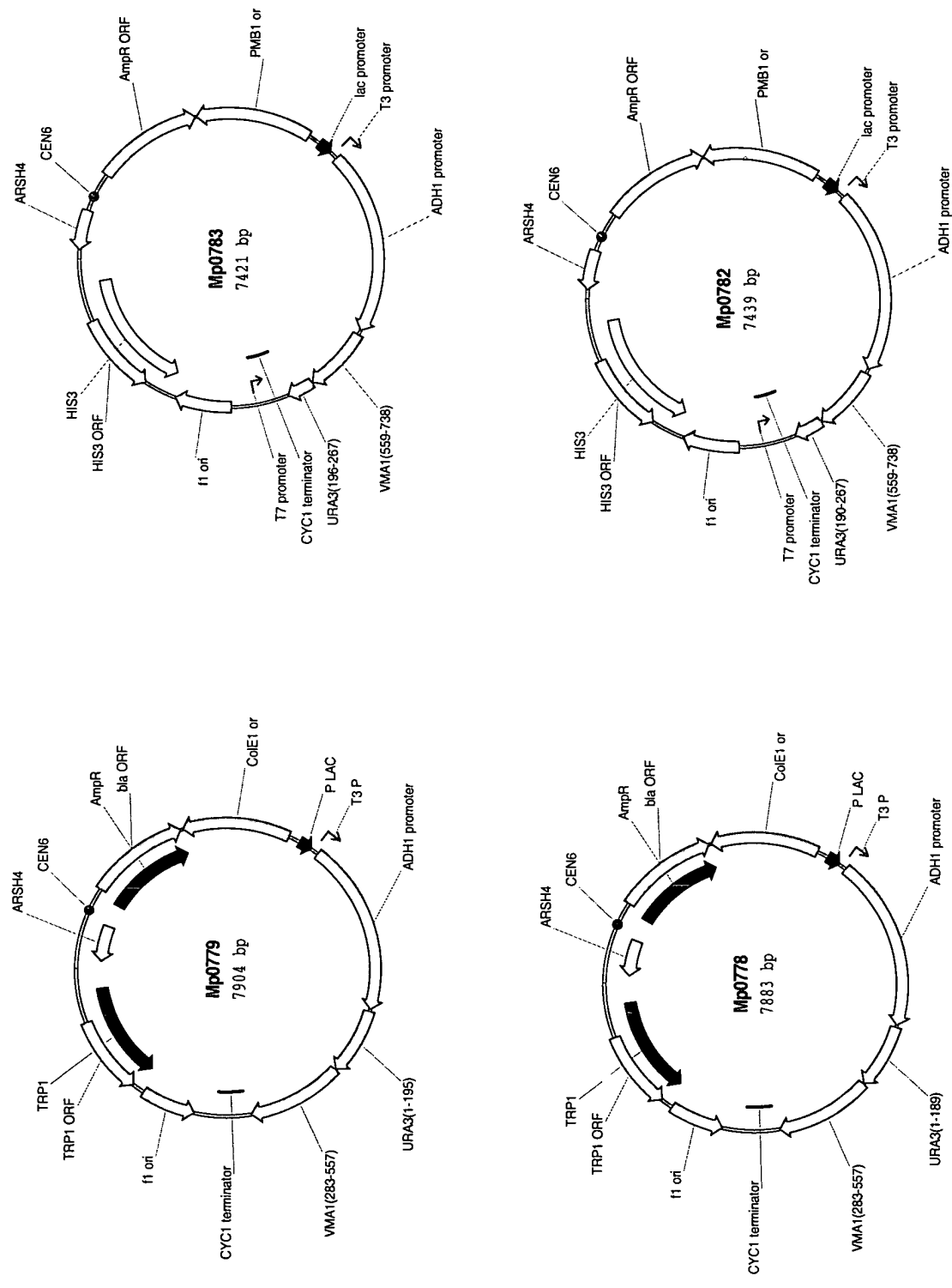


Figure 9

Vector system: Mp778 / Mp782 Mp779 / Mp783
 Ura3p fragments: 1-189 / 190-267 1-195 / 196-267

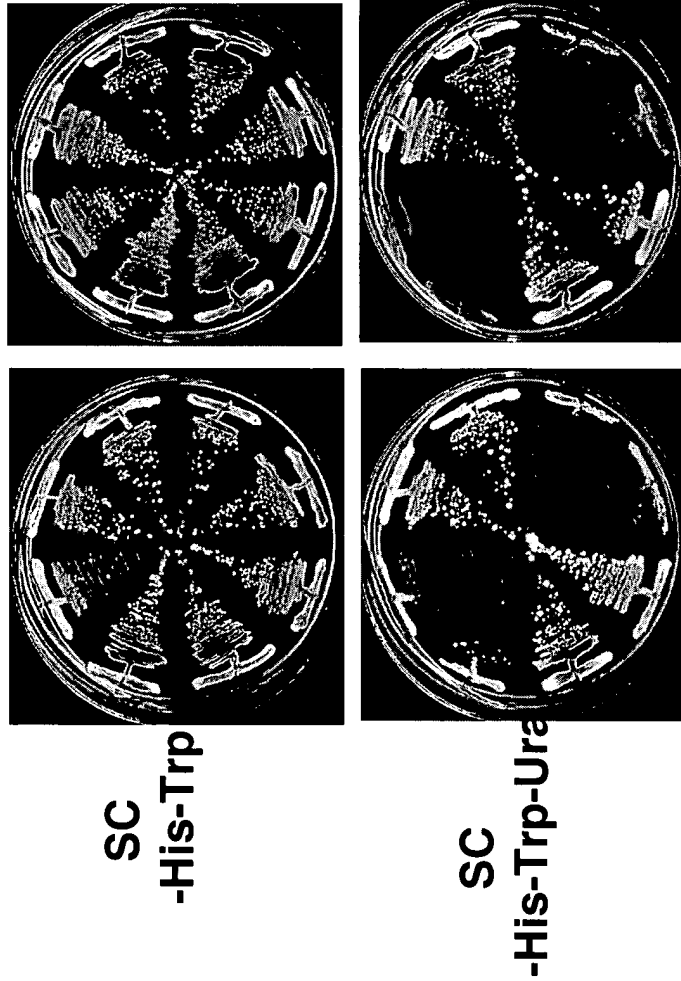
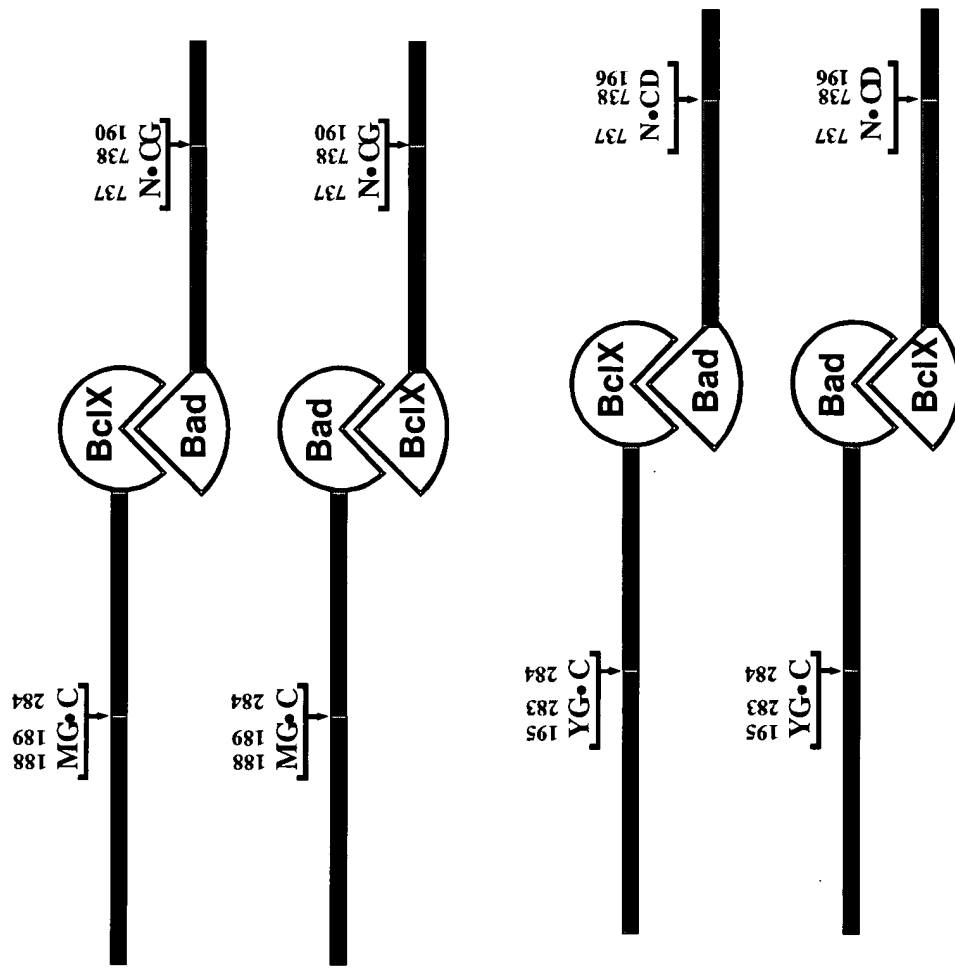


Figure 10



Dark = Ura3p sequence
 Gray = Vma1p sequence
 ● = splice site

Figure 11